



FIG. 1

201,

- Find k clusters for the Y values by k-means method and number the clusters
- Record the mean value of each cluster
- Assign the cluster number as the class label for each example that is a member of the cluster

202,

Apply any machine learning method that finds an ensemble of classification rules R

203,

To predict value of a new example:

- Apply all rules in ensemble R
- Count the number of satisfied rules for each class
- Consider only the class with the most votes and those with nearly as many votes
- Prediction = weighted average (by votes) of the recorded mean values of the classes

FIG.2